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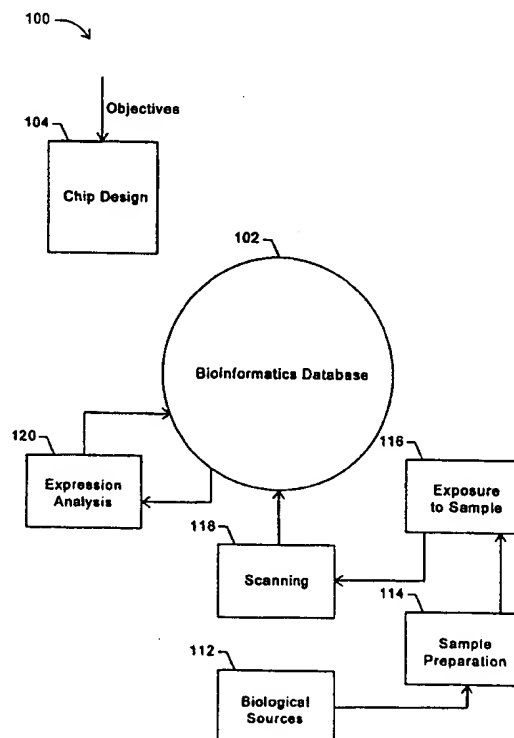
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(54) Title: METHOD AND APPARATUS FOR PROVIDING A BIOINFORMATICS DATABASE

(57) Abstract

System and method for organizing information relating to polymer probe array chips including oligonucleotide array chips. A database model (102) is provided which organizes information relating to sample preparation (114), chip layout, application of samples to chips, scanning of chips (118), expression analysis of chip results (120), etc. The model is readily translatable into database languages such as SQL. The database model scales to permit mass processing of probe array chips.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US98/15469

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : G01N 15/06

US CL : 707/1; 702/20; 422/68.1; 430/5; 436/518

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 707/1; 702/20; 422/68.1; 430/5; 436/518

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
aps, dialog

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,E	PR NEWSWIRE, "Gene Logic to use Affymetrix GeneChip Arrays to Build Gene Expression Database Products", January 1999	1-13
A	US 5,571,639 A (HUBBELL ET AL.) 05 NOVEMBER 1996, abstract, summary	1-13
A	US 5,143,854 A (PIRRUNG ET AL.) 01 SEPTEMBER 1992, abstract, summary	1-13
A,E	US 5,871,697 A (ROTHBERG ET AL.), 16 FEBRUARY 1999, col. 58, line 22 - col. 61, line 67	1-13

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